

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1731	(375/316).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/29 21:08
S2	76	"PAM-4"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:09
S3	109	PAM near4 ("4" near2 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:09
S4	175	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:09
S5	6	S2 WITH slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:15
S6	4	S3 with slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:15
S7	8	S5 or S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:10
S8	8	S2 same slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:42

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S9	4	S3 same slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:15
S10	10	S8 or S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:15
S11	19	S2 and slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:42
S12	19	S3 and slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:42
S13	32	S11 or S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:42
S14	13	S13 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:54
S15	283	"4" near3 level near3 slic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:01
S16	208	S15 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:02

## EAST Search History

S17	0	S16 and PAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:55
S18	2	S16 and CMOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 21:57
S19	14	S16 and (integrated adj3 circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:04
S20	319	"3" near3 level near3 slic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:01
S21	242	S20 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:08
S22	2	S21 and PAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:03
S23	2	S21 and CMOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:03
S24	21	S21 and (integrated adj3 circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:08

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S25	1	CMOS near4 slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:08
S26	13	CMOS with slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:11
S27	4	S26 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:11
S28	40	CMOS same slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:11
S29	1	(US-5517532-\$).did.	USPAT	OR	ON	2006/08/29 22:11
S30	24	S28 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:35
S31	1657	center near2 tap near2 resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:35
S32	12	S31 and slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:35
S33	10	S32 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:40

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S34	1564	S31 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:56
S35	272	S34 and comparat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:56
S36	7	S35 and slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:41
S37	2	S35 and PAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:42
S38	122	S35 and differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:54
S39	71	S35 and (differential near3 amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:43
S40	31	S39 and offset	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:44
S41	23	S40 and (CMOS or (integrated near3 circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:44

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S42	43	S31 with comparat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 22:56
S43	37	S42 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:05
S44	484	comparator with slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:05
S45	2	S44 and "PAM-4"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:05
S46	11	S44 and PAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:05
S47	3	S46 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:10
S48	336	S44 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:36
S49	287	S48 and level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:10

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S50	0	S49 and (PAM near2 "4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:11
S51	32	S49 and (level near2 "3")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:11
S52	1	(US-6313885-\$).did.	USPAT	OR	ON	2006/08/29 23:25
S53	19	slicer and (first adj2 comparator) and (second adj2 comparator) and (third adj2 comparator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:38
S54	10	S53 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:49
S55	3	slicer same ((first adj2 comparator) and (second adj2 comparator) and (third adj2 comparator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:48
S56	69	(integrated adj2 circuit) and (substrate with semiconductor) and (slicer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:49
S57	34	S56 and @pd<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/29 23:49
S58	1	(US-5699386-\$).did.	USPAT	OR	ON	2006/08/29 23:58

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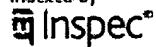
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Chiani, M.;  
[Communications, IEEE Transactions on](#)  
Volume 45, Issue 7, July 1997 Page(s):757 - 760  
Digital Object Identifier 10.1109/26.602577  
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Chiani, M.;  
[Communications, IEEE Transactions on](#)  
Volume 45, Issue 7, July 1997 Page(s):757 - 760  
Digital Object Identifier 10.1109/26.602577  
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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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- ☐ 1. **A single chip teletext decoder including data slicer**  
Lyne, C.R.W.;  
[Consumer Electronics, 1989. Digest of Technical Papers. ICCE., IEEE 1989 In Conference on](#)  
6-9 June 1989 Page(s):164 - 165  
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- ☐ 2. **Teletext: a true monochip solution**  
Meyer, J.;  
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Volume 36, Issue 3, Aug 1990 Page(s):693 - 698  
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- ☐ 3. **54 MHz switched-capacitor video channel equaliser**  
Rijns, J.J.F.;  
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Volume 29, Issue 25, 9 Dec. 1993 Page(s):2181 - 2182  
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- ☐ 4. **Analog CMOS teletext data slicer**  
Rijns, H.;  
[Solid-State Circuits Conference, 1994. Digest of Technical Papers. 41st ISSCC International](#)  
16-18 Feb. 1994 Page(s):70 - 71  
Digital Object Identifier 10.1109/ISSCC.1994.344722  
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- ☐ 5. **High performance picture-in-picture (PIP) IC using embedded DRAM tech**  
Brett, M.; Wendel, D.;  
[Consumer Electronics, IEEE Transactions on](#)  
Volume 45, Issue 3, Aug. 1999 Page(s):698 - 705  
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- ☐ **6. High performance picture-in-picture (PIP) IC using embedded DRAM tech**  
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- ☐ **7. A mixed-signal 120 MSample/s PRML solution for DVD systems**  
Baird, R.; Feyh, G.; Graba, J.; Hood, M.; Keisuke Kato; Kent, M.; Kostelnik, M.  
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- ☐ **8. QAM/VSF dual mode equalizer design and implementation**  
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[ASICs, 1999. AP-ASIC '99. The First IEEE Asia Pacific Conference on](#)  
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- ☐ **9. An adaptive analog noise-predictive decision-feedback equalizer**  
Le, M.Q.; Hurst, P.J.; Keane, J.P.;  
[Solid-State Circuits, IEEE Journal of](#)  
Volume 37, Issue 2, Feb. 2002 Page(s):105 - 113  
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- ☐ **10. A 2 MHz GFSK IQ receiver for Bluetooth with DC-tolerant bit slicer**  
Bang-Sup Song; Cho, T.; Kang, D.; Dow, S.;  
[Custom Integrated Circuits Conference, 2002. Proceedings of the IEEE 2002](#)  
12-15 May 2002 Page(s):431 - 434  
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- ☐ **11. A 2.4 GHz Bluetooth transceiver in 0.18  $\mu\text{m}$  CMOS**  
Bang-Sup Song; Leung, V.; Cho, T.; Kang, D.; Dow, S.;  
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- ☐ **12. Adaptive PRML SOC development for read/write capable optical drives**  
Junghyun Lee; Jae-Wook Lee; Jae-Seoung Shim; Hyun-Soo Park;  
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- ☐ **13. Design and implementation of a novel sync processing system for comp signals**  
Dengpan Mou; Lares, R.; Wenhao Yan; Rominger, F.; Rothermel, A.;  
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Volume 49, Issue 4, Nov. 2003 Page(s):1286 - 1291  
Digital Object Identifier 10.1109/TCE.2003.1261231  
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- ☐ **14. High-performance VLSI architecture of adaptive decision feedback equal predictive parallel branch slicer (PPBS) scheme**  
Meng-Da Yang; An-Yeu Wu; Jyh-Ting Lai;  
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- ☐ **15. An improved architecture of the mixed mode clock/data recovery for DVC**  
Jungeun Lee; Hyunsu Chae; Hanseung Lee; Konakov, M.; Junghyun Lee; Jeo  
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- ☐ **16. A 6.4-Gb/s CMOS SerDes core with feed-forward and decision-feedback e**  
Beukema, T.; Sorna, M.; Selander, K.; Zier, S.; Ji, B.L.; Murfet, P.; Mason, J.; I  
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Volume 40, Issue 12, Dec. 2005 Page(s):2633 - 2645  
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- ☐ **17. A 20-Gb/s Adaptive Equalizer in 0.13- $\mu$ m CMOS Technology**  
Lee, J.;  
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